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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Sreenivasan, Sidlgata V

App. No.: 10/805,916 GPAU: 2123

Filing Date: March 22, 2004 Examiner:

Dkt. No.: PA133-09D13 Conf. No.: 2031

For: Method of Determining Alignment of a Template and a  
Substrate Having a Liquid Disposed Therebetween

INFORMATION DISCLOSURE STATEMENT

Mail Stop AMENDMENT

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

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Applicants' duty of disclosure and pursuant to 37 C.F.R. § 1.56,  
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publications, applications or other information identified in the  
attached:

Form(s) PTO/SB/08A and/or PTO/SB/08B or PTO/1449  
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to the Examiner's attention in the above-identified application.  
It is respectfully requested that the cited information be  
expressly considered during the prosecution of this application,  
and the references be made of record therein and appear among the  
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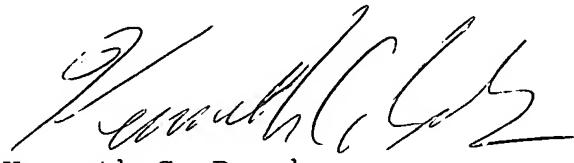
For the convenience of the Examiner, the references cited in  
the parent patent application number 09/907,512 are notated in  
attached forms PTO/SB/08A with bold font. Copies of these  
references are not required nor provided.

This Information Disclosure Statement is being filed:  
before the mailing date of a first Office action on the  
merits or before the mailing date of a first Office action after  
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Therefore, no fee is believed required.

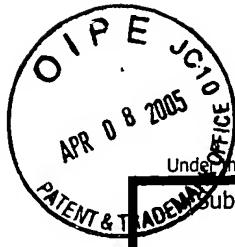
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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as either First Class Mail or Express Mail, in an envelope addressed to the Commissioner for Patents.	
Signed:	<u>Katrina Prati</u>
Typed Name:	Katrina Prati
Date:	<u>4-6-05</u>

Respectfully Submitted,



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Sheet	1	of	8	Attorney Docket Number	PA133-09D13

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)		T <sup>6</sup>

B1	2002/0098426	A1	Sreenivasan et al.	7/25/2002	
B2	4,731,155		Napoli et al.	3/15/1988	
B3	5,414,514		Smith et al.	5/9/1995	
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Sheet	2	of	8	Attorney Docket Number	PA133-09D13

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	B54		10/923,629		Sreenivasan et al.	8/20/2004

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<b>APPLICATION NUMBER</b>	10/805,916
				<b>FILING DATE</b>	03/22/2004
				<b>FIRST NAMED INVENTOR</b>	Sreenivasan et al.
				Group Art Unit	2123
				Examiner Name	Unassigned
				Attorney Docket Number	PA133-09D13
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<b>OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS</b>			
Examiner Initials*	Cite, No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	B79	Chou, Nanoimprint Lithography and Lithographically Induced Self-Assembly, MRS Bulletin, pp. 512 - 517, 7/1/2001	
	B80	Choi et al., Design of Orientation Stages for Step and Flash Imprint Lithography, Precision Engineering, pp. 192 - 199, 1/1/2001	
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				<b>APPLICATION NUMBER</b>
				10/805,916
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				<b>FIRST NAMED INVENTOR</b>
				Sreenivasan et al.
				Group Art Unit
				2123
				Examiner Name
				Unassigned
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#### **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials\*      Cite No.<sup>1</sup>      Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.      T<sup>2</sup>

	B88	<b>Colburn et al., Step and Flash Imprint Lithography: A New Approach to High-Resolution Patterning, Proc. Of SPIE, vol. 3676, 3/1/1999</b>
	B89	<b>Heidari, Nanoimprint Lithography at the 6 in. Wafer Scale, J. Vac. Sci. Technol. B 18(6), pp. 3557 - 3560, 11/1/2000</b>
	B90	<b>Translation of Japanese Patent 02-92603</b>
	B91	<b>Translation of Japanese Patent 02-24848</b>
	B92	<b>Chou et al., Ultrafast and Direct Imprint of Nanostructures in Silicon, Nature, Col. 417, (June 2002), pp. 835-837, 6/1/2002</b>
	B93	<b>Moon et al., Interferometric-Spatial-Phase Imaging for Six-Axis Mask Control, MIT NanoStructures Laboratory, Research Laboratory of Electronics, 10/17/2003</b>
	B94	<b>Chou et al., Nanoimprint Lithography, Journal of Vacuum Science Technology B 14(16), pp. 4129-4133, 11/1/1996</b>
	B95	<b>Colburn et al., Development and Advantages of Step-and-Flash Lithography, Solid State Technology, 7/1/2001</b>
	B96	<b>Colburn et al., Characterization and Modeling of Volumetric and Mechanical Properties for Step and Flash Imprint Lithography Photopolymers, Journal of Vacuum Science Technology. Vol b. 19(6), 11/1/2001</b>

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<p>Substitute for form 1449A/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p><i>(use as many sheets as necessary)</i></p>				<p><b><i>Complete if Known</i></b></p>	
Sheet	8	of	8	<b>APPLICATION NUMBER</b>	10/805,916
				<b>FILING DATE</b>	03/22/2004
				<b>FIRST NAMED INVENTOR</b>	Sreenivasan et al.
				Group Art Unit	2123
				Examiner Name	Unassigned
				Attorney Docket Number	PA133-09D13

#### **OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Examiner Initials\* Cite No.<sup>1</sup> Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. T<sup>2</sup>

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